



TITLE: A METHOD AND APPARATUS FOR AUTOMATIC MODULATION OF
PHOTO-EMITTER BRIGHTNESS IN AN OPTICAL ENCODER

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USSN: 10/799,850 Attorney Docket #: 70040132-1

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100

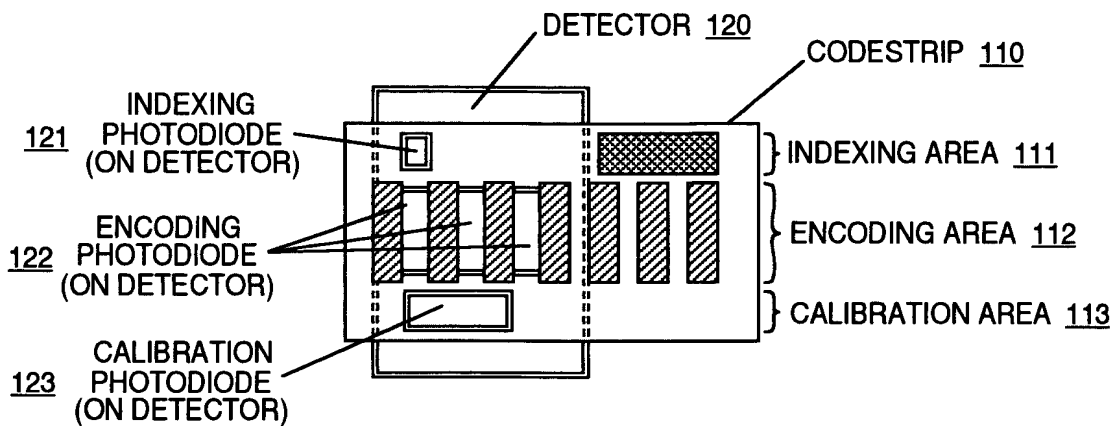


FIGURE 1A

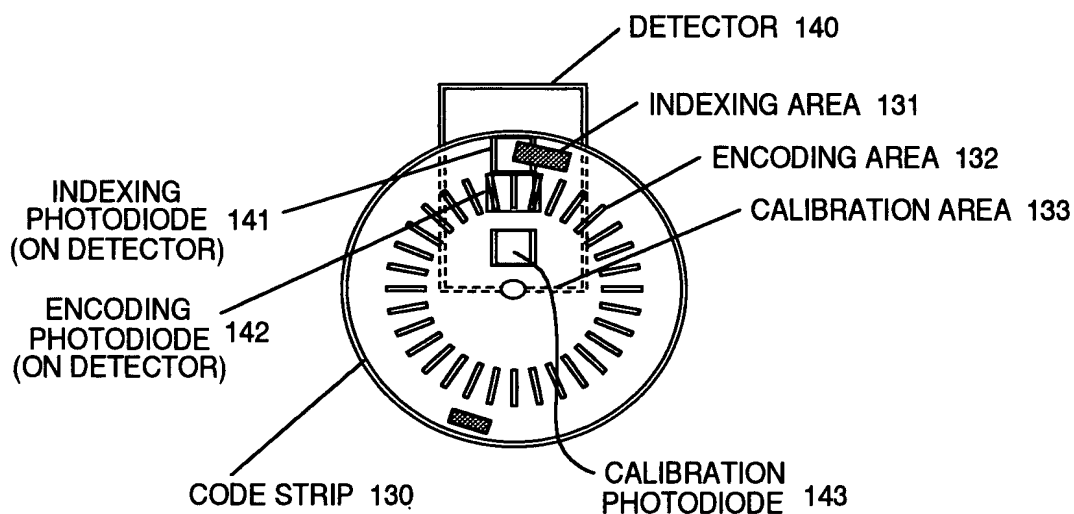


FIGURE 1B

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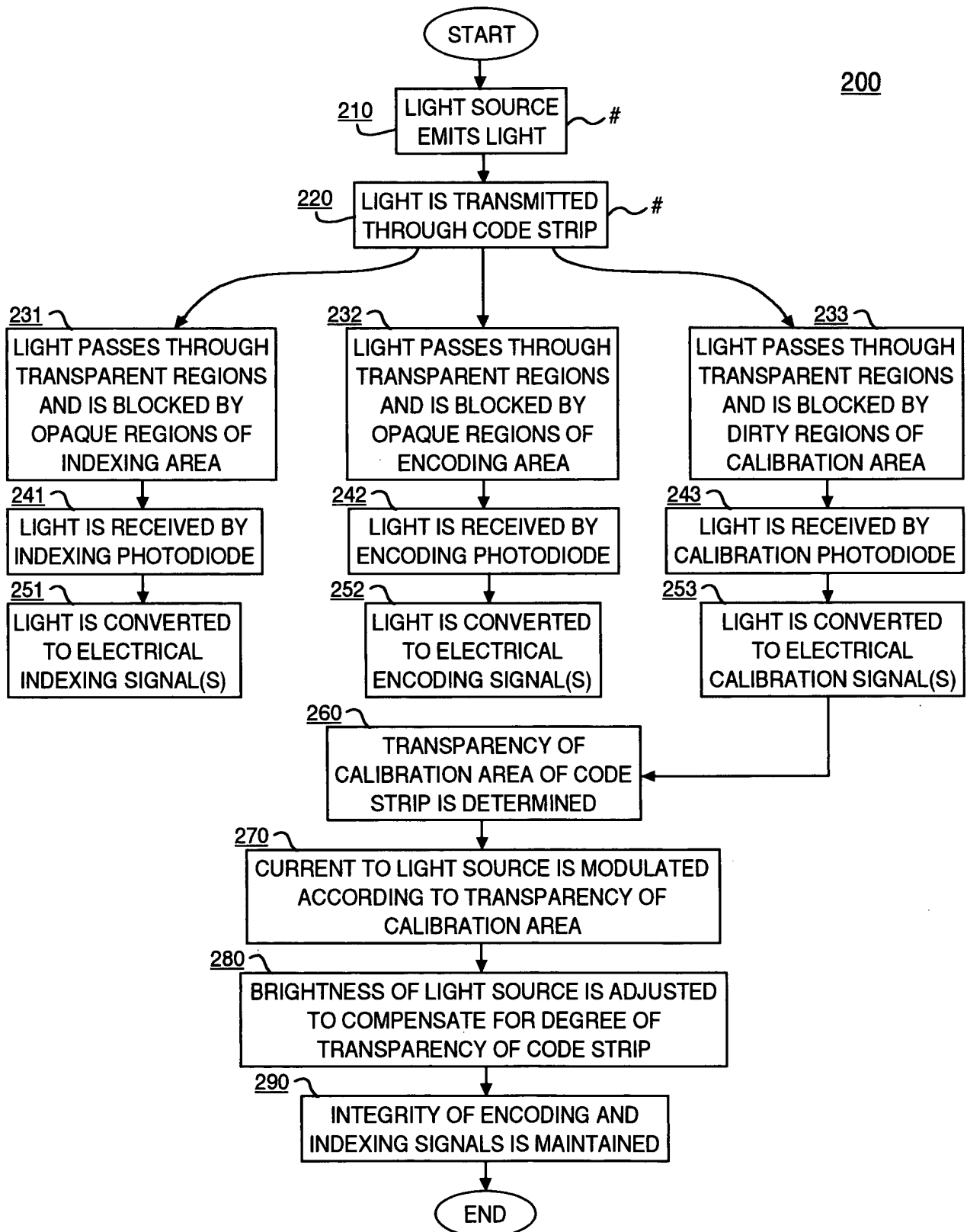


FIGURE 2

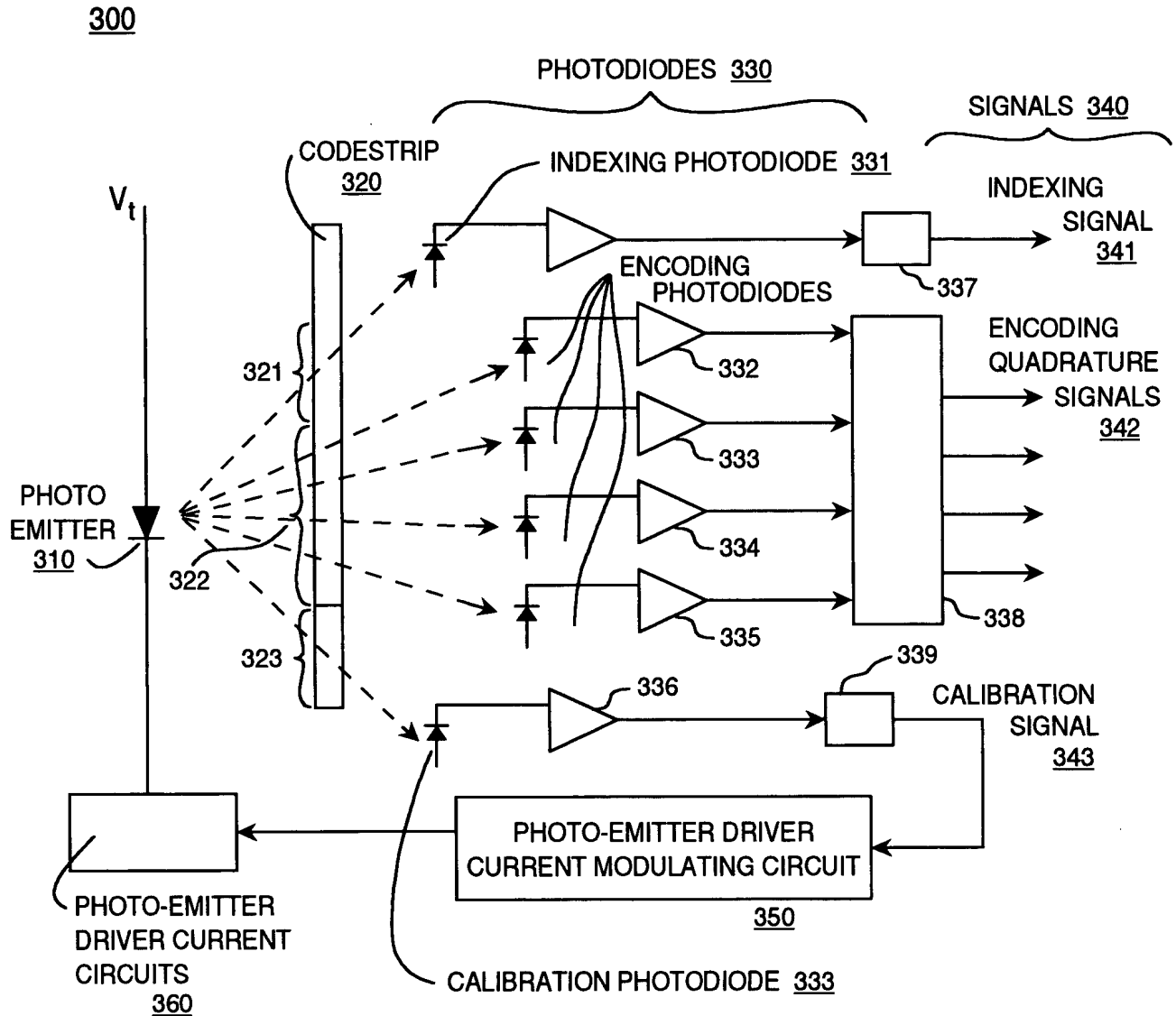


FIGURE 3

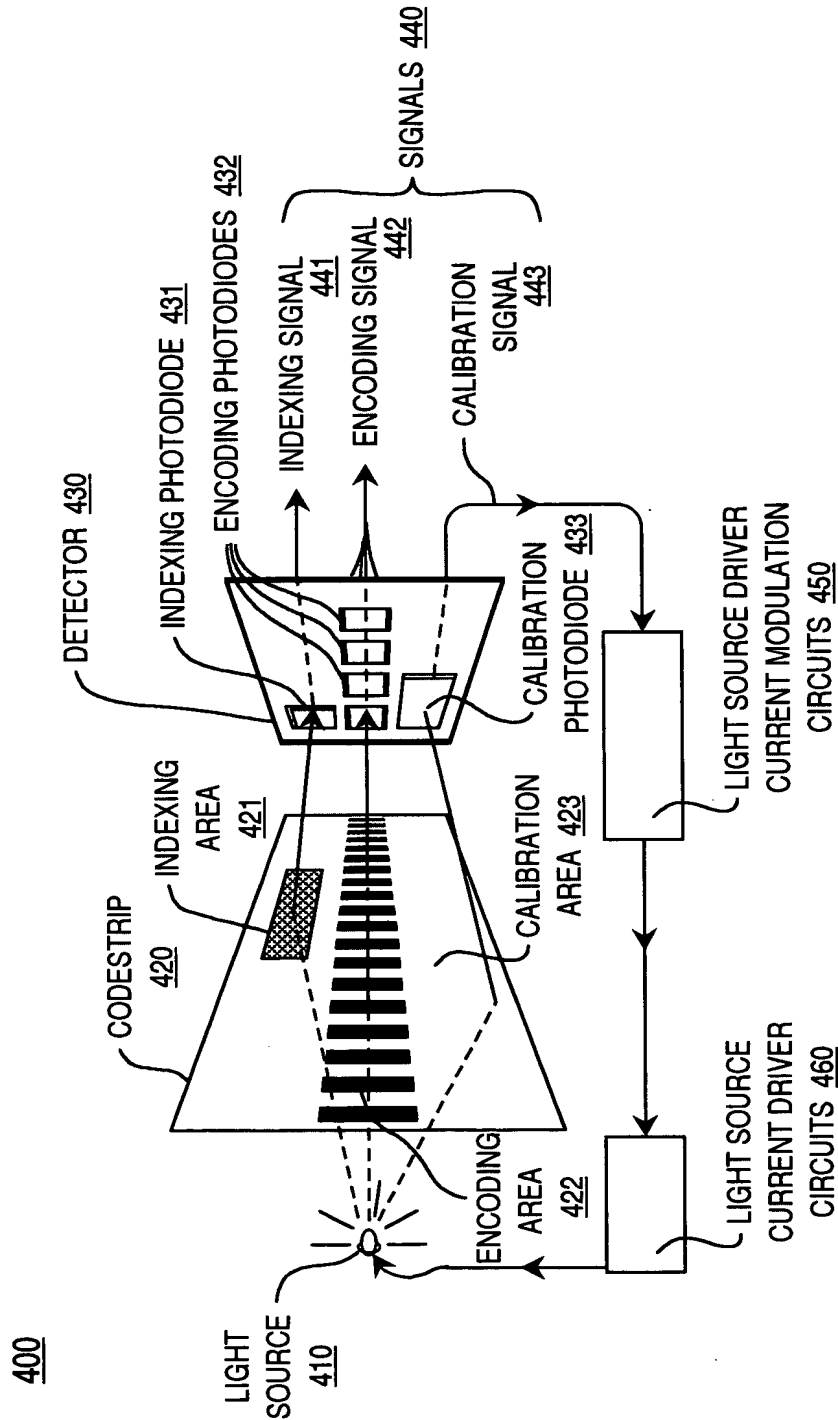


FIGURE 4

500

$$c = f(r, b)$$

$$b = f(a)$$

c = clarity of signal

r = transparency of codestrip

b = brightness of light source

a = current to light source

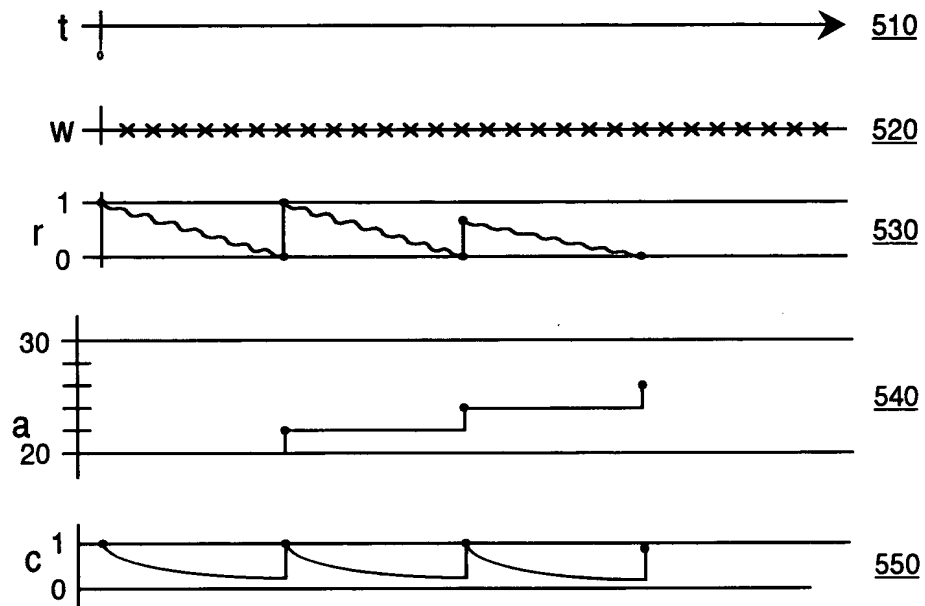


FIGURE 5